

Accuracy Assessment Final Contingency Matrix

(Code Description)

Table 7. Contingency table (error matrix) for BADL vegetation mapping accuracy assessment.

						Reference Data (Accuracy Assessment Class)																					Total	Comission	90% Confidence	
	Map Unit	1	2	12	14	15	16-	17	18	21	25	31	32	33	34	35	37	38	39	41	42	43-	N	Error	Interval					
	Code						19															44		% Correct	-	+				
S	1	13					1																14	92.9	73.9	99.3				
a	2		64			1	1						1			1							68	94.1	97.0	91.2				
m	12			2																			2	100	31.6	100				
p	14				22		2										1				1		26	84.6	70.1	93.1				
l	15					14	8		3														25	56.0	38.9	74.5				
e	16-19	1		3	2	3	102	5	10	4					1								131	75.0	78.7	71.3				
	17						8	15	1	1													25	60.0	39.0	75.4				
D	18						7	1	17	1													26	65.4	46.0	79.1				
a	21									9						1							10	90.0	64.8	99.0				
t	25										3										1		4	75.0	32.0	97.4				
a	31											14							2	1			17	82.4	63.6	93.3				
	32						1						8										9	88.9	60.9	98.8				
(M	33																						0	NA	-	-				
a	34									1					5								6	83.3	45.8	98.3				
p	35						1				2					7	2		1				13	53.8	27.6	75.4				
	37				1										1		5						7	71.4	31.6	92.1				
C	38																						0	NA	-	-				
l	39																						0	NA	-	-				
a	41																				6		6	100	65.5	100				
s	42														2						2	15	19	78.9	61.3	90.5				
s)	43-44																				1		48	49	98.0	95.8	100			
	Total N	14	64	5	25	18	131	21	31	16	5	14	9	0	9	9	8	1*	3	12	15	48	458							
Omission Error																								Total Correct = 369						
% Correct		92.9	100	40.0	88.0	77.8	77.9	71.4	54.8	56.3	60.0	100	88.9	NA	55.6	77.8	62.5	0*	0	50.0	100	100								
90% Confidence Interval																														
-		73.9	92.0	11.2	74.5	58.1	82.0	54.2	63.7	31	24.7	83.7	60.9	-	23.2	48.5	25.5	0	0	27.1	84.6	85.5								
+		99.3	100	75.3	95.5	89.9	73.8	87.0	45.9	76.5	88.8	100	98.8	-	79.0	93.9	85.3	90.0	53.6	72.9	100	100								

OVERALL TOTAL ACCURACY = 80.6 %

OVERALL KAPPA INDEX = 78.2%

OVERALL TOTAL ACCURACY 90% UPPER AND LOWER CONFIDENCE INTERVAL = + 82.4 % -78.8%

* Represents 1 AA point taken for class 38. This point was mapped incorrectly as a land-use class (reservior). This point is included in the total sample size (N) and is used to calculate Overall Total Accuracy.

(Map unit combinations of 16 -19 and 43-44 were used for the A.A. since classes 19 and 43 were only seperated as a Park management concern, on a "where known basis".)

(Omission and Commision errors were calculated using total accuracy)